

Meeting Notes

Title:	Monthly Status Call Call Number: (571) 209-6390 ID: 993 271 469	Date/Time :	February 2, 2018:11:30 AM- 12:30 PM Eastern Time (10:30 –11:30 AM Central Time)
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Attendees: EPA – Taimur Shaikh
 Michael Baker – Sabu Paul
 Dynamic Solution –Chris Wallen and Silong Lu
 RESPEC – Tony Donigian and Anurag Mishra

Meeting Notes

- The current WQ standard for TP is a rolling 30-day geomean of 0.037 mg/l. There is a proposal for using a rolling 6-month geomean (0.037 mg/l), but this will not have an impact on the project. If the relaxation of the standard occurs then AR can request a relaxation of the TMDL.
- Taim mentioned that in October 2016, the stakeholders signed off on the watershed model. We got documentation about that. We also have verbal agreement on Ten Killer DO results from AR and OK.
- Discussed about the base run (run 1992-2009) to make sure that the copies that EPA and RESPEC have are consistent and the same. We need to add in NACA point sources and make sure we are processing the results in the exact same fashion as Taim has done for the Principals/State reps.
 - Base Run 0 – first rev set of models from RESPEC (calibrated condition)
 - Base run 4 – updated the land use 2011 NLCD, updated some of the inputs and set at the point source limit. This is the basis for any reductions. Need to double check whether NACA is already added. Baseline year is 2009 for the litter application and removal rates, but 2015 for point sources. Taim confirmed we used 2015 point source (July 2016 email from Brian).
 - Run for the period between 1992-2009.
 - EFDC – running with the same time period as the calibration (2005-06). If we go outside of this time period, then there can be a dispute that the model was not calibrated for those hydrologic conditions.
 - The reductions in watershed will be modeled first because of the state line standards.
 - Taim sent the spreadsheet used to process the output and generate the GeoMean values for TP, at the Stateline and TenKiller.
 - Final base run UCI – NACA data is not in the point source block.
- RESPEC will process the NACA 2015 point source data consistent with the current Base run.
- Taim – RESPEC Need check how the 2011 NLCD data were processed and added in to the Base run
- Taim – You sent the following bullets for scenarios to be run:
 - A general reduction from all sources (same reduction percentage)
 - RESPEC to generate the Load allocation tables for the Base Run, as a basis to determine what ‘% Reduction’ this should be. Need a call or at least emails to settle on the reduction %. Probably a 60% reduction will be need.
 - Setting permits to 0.1 mg/L TP and **commensurate reduction** in non-point
 - How do we determine this reduction? May need to generate the load tables and base it on what that shows.
 - Leaving permits at current permitted levels and reducing NPS.
 - We need to be clear on how we represent this... will need some discussion, both on the permit levels, and what NPS reduction we want to use.

Schedule for the next steps.

- Tony expect to finish the run for the new point source during the week of February 12.
- Revised base during the week of February 12.
- Reductions on February 16th
- Call on February 14th to confirm the base run and percentages reduction
- Finish the reduction runs and provide HSPF results to EFDC – End of February

Illinois River Watershed Nutrient Model Development

Action items

- Sabu and Taim to talk about TMDL document - once the contract ends no work can be done.
- Taim to send the base UCI and Anurag will confirm the file (done)
- Taim to email outline of all modifications to Sabu (done)